Oil & Chemical Pollution **6** (1990) 324–325

CONTENTS OF VOLUME 6

Number 1

Fluorescence Spectroscopic Studies of Differential Accumulation of Aromatic Hydrocarbons by *Callianassa kraussi* 1
L. F. JACKSON (Republic of South Africa) & T. F. BIDLEMAN (USA)

Estimated Occurrence Rates for Analysis of Accidental Oil Spills on the US Outer Continental Shelf 21
CHERYL MCMAHON ANDERSON & ROBERT P. LABELLE (USA)

Dispersion of Spilled Oil in Freshwater Systems: Field Trial of a Chemical Dispersant . . 37
H. M. BROWN, J. S. GOUDEY, J. M. FOGHT, S. K. CHENG, M. DALE, J. HODDINOTT, L. R. QUAIFE & D. W. S. WESTLAKE (Canada)

The *Herald of Free Enterprise* Accident: the Environmental Perspective 55
T. G. JACQUES (Belgium)

Use of Airborne Remote Sensing Equipment for Detecting Discharges of Oil from Offshore Installations 69
N. HURFORD & D. TOOKEY (UK)

Number 2

Petroleum Hydrocarbon Pollution of Lake Burley Griffin 81
W. MAHER, C. TOMLINS & J. FURLONGER (Australia)

Omanian Land-Based Oil Inputs to the Gulf of Oman 91
H. AWAD (Egypt), M. A. AL MOHARAMY & S. A. AL EISSA (The Sultanate of Oman)

The Use of a Satellite-Tracked Buoy to Monitor the Movement of an Oil Slick at Sea . . 101
N. HURFORD (UK)

The *B. Montanari* Incident — A Modelling Study of Vinyl Chloride Monomer Dispersion at Sea 113
T. LEGOVIĆ & N. LIMIĆ (Yugoslavia)

Reclamation of Used Hydraulic Oil 127
G. C. OFUNNE & A. U. MADUAKO (Nigeria)

Predicted Effects of a Hypothetical Oil Spill on the Saltmarsh Crab *Sesarma catenata* . . 137
DANIEL E. MALAN (Republic of South Africa)

Book Review 161

Oil & Chemical Pollution (**6**) (1990) — © 1990 Elsevier Science Publishers Ltd, England. Printed in Ireland.

Number 3

Biodegradation of Crude Oil in Experimentally-Polluted Clayey and Sandy Mangrove Soils . 163
P. SCHERRER & G. MILLE (France)

Classification of Marine Environment Samples Based on Chromatographic Analysis of Hydrocarbons and Principal Component Analysis 177
H. LAMPARCZYK, R. J. OCHOCKA, J. GRZYBOWSKI, J. HALKIEWICZ & A. RADECKI (Poland)

Monitoring Long-Term Effects of Offshore Oil and Gas Development Along the Southern California Outer Continental Shelf and Slope: Background Environmental Conditions in the Santa Maria Basin 195
JEFFREY HYLAND, DANE HARDIN, ERIC CRECELIUS, DAVID DRAKE, PAUL MONTAGNA & MARGARETE STEINHAUER (USA)

Number 4

Distribution of Polycyclic Aromatic Hydrocarbons (PAH) in Recent Sediments of Two Transversal Transects in the Middle Part of the Adriatic Sea 241
JOSIP DUJMOV & PERICA SUČEVIĆ (Yugoslavia)

Selective Migration of Low and Medium Molecular Weight Hydrocarbons in Petroleum-Contaminated Terrestrial Environments 251
J. OUDOT (France)

Flavour and Hydrocarbon Assessment of Fish from Gas Fields in the Southern North Sea . 263
J. G. PARKER, P. HOWGATE, P. R. MACKIE & A. S. MCGILL (UK)

Acute Toxicity of the Water-Soluble Fraction of Coal Tar to the Tiger Prawn, *Penaeus monodon* 279
JOHN C. CHAPMAN, NIALL A. L. JOHNSTON, PETER F. NELSON, R. MEENATCHI SUNDERAM & GEOFFREY B. THOMPSON (Australia)

Production of Emulsifying Agents During Growth of a Marine *Alteromonas* in Sea Water with Eicosane as Carbon Source, a Solid Hydrocarbon 289
MAHA AL-MALLAH, MADELEINE GOUTX, GILBERT MILLE & JEAN-CLAUDE BERTRAND (France)

Emergency Level Scale Assessment Model: ELSA. A New Diagnostic System to Support Decision-Making in Case of Accidental Spills in the Marine Environment 307
W. KOOPS (The Netherlands)

Book Review 321